Attorney's Docket No.: 3239P081

## DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below, next to my name.

I believe I am the original, first, and sole inventor (if only one name is listed below) or an original, first, and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

## METHOD AND APPARATUS FOR OPTICAL TO ELECTRICAL TO OPTICAL CONVERSION IN AN OPTICAL CROSS-CONNECT SWITCH

			L CROSS-CONNECT	
the specifica	tion of which			
	ابا	is attached hereto.		
	X	was filed on Novem		
		United States Application N	Number09/70 cation Number	04,439
		and was amended on		
			(if applicable)	
as amended known or us publication in public use has not been country fore	by any amendment refered in the United States of in any country before me or on sale in the United patented or made the sign to the United States	red to above. I do not know of America before my invent y invention thereof or more t I States of America more than abject of an inventor's certification of America on an application	of the above-identified specificate and do not believe that the classion thereof, or patented or described an one year prior to this applicate and issued before the date of the filed by me or my legal repress (for a design patent application).	nimed invention was ever cribed in any printed ication, that the same was not ation, and that the invention his application in any esentatives or assigns more
I acknowled		ll information known to me	to be material to patentability a	,
for patent or	inventor's certificate lis	ted below and have also idea	ates Code, Section 119(a)-(d), ntified below any foreign appli ation on which priority is clair.	cation for patent or
Prior Foreig	n Application(s):			
	APPLICATION	COUNTRY (OR	DATE OF FILING	PRIORITY CLAIMED
	NUMBER	INDICATE IF PCT)	(day, month, year)	UNDER 37 USC 119
				□ No □ Yes
				□ No □ Yes
				□ No □ Yes
	im the benefit under Titl application(s) listed belo		ection 119(e) of any United Sta	tes

APPLICATION NUMBER

FILING DATE

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION NUMBER	FILING DATE	STATUS (ISSUED, PENDING, ABANDONED)

I hereby appoint the persons listed on Appendix A hereto (which is incorporated by reference and a part of this document) as my respective patent attorneys and patent agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith.

Send correspondence to:

William E. Alford, Reg. No. 37,764, BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN, LLP

(Name of Attorney or Agent)

12400 Wilshire Boulevard, 7th Floor, Los Angeles, California 90025 and direct telephone calls to:

William E. Alford, (714) 557-3800.

(Name of Attorney or Agent)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Sol	e/First Inventor (given name, family name)	Ra	ijiv Ramaswam	i
Inventor's Signatu	ire //	Date _	4/20/01	
Residence Sunny	vale, California USA	Citizen	ship India	
	(City , State)		(Cour	itry)
Mailing Address	758 Carlisle Way			
	Sunnyvale, California 94087 USA			

	nd/Joint Inventor (given name, family name)	Robert R. War
Inventor's Signature	: Trobut ( Ward	Date 4/20/01
	ile, California USA (City, State)	Citizenship USA (Coun.
		(Count
Mailing Address 8	803 Selkirk Place	
<u>S</u>	Sunnyvale, California 94087 USA	
Full Name of Third	d/Joint Inventor (given name, family name)	
Inventor's Signature	e	Date
Residence		Citizenship
	(City , State)	(Coun
Mailing Address		
Full Name of Four	rth/Joint Inventor (given name, family name)	Date
Full Name of Four	rth/Joint Inventor (given name, family name)	Date
Full Name of Four Inventor's Signature Residence	th/Joint Inventor (given name, family name)	
Full Name of Four Inventor's Signature	rth/Joint Inventor (given name, family name)	— Citizenship
Full Name of Four Inventor's Signature Residence	rth/Joint Inventor (given name, family name)	— Citizenship
Full Name of Four Inventor's Signature Residence Mailing Address	rth/Joint Inventor (given name, family name)	— Citizenship
Full Name of Four Inventor's Signature Residence Mailing Address  Full Name of Fifth	e(City, State)	Citizenship(Coun
Full Name of Four Inventor's Signature Residence Mailing Address  Full Name of Fifth Inventor's Signature	cth/Joint Inventor (given name, family name)  e	Citizenship  Coun  Coun  Coun  Citizenship
Full Name of Four Inventor's Signature Residence Mailing Address  Full Name of Fifth Inventor's Signature	th/Joint Inventor (given name, family name) e(City, State)  //Joint Inventor (given name, family name)	Citizenship (Coun

## APPENDIX A

I hereby appoint BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP, a firm including: William E. Alford, Reg. No. 37,764; Farzad E. Amini, Reg. No. 42,261; William Thomas Babbitt, Reg. No. 39,591; Carol F. Barry, Reg. No. 41,600; Jordan Michael Becker, Reg. No. 39,602; Lisa N. Benado, Reg. No. 39,995; Bradley J. Bereznak, Reg. No. 33,474; Michael A. Bernadicou, Reg. No. 35,934; Roger W. Blakely, Jr., Reg. No. 25,831; R. Alan Burnett, Reg. No. 46,149; Gregory D. Caldwell, Reg. No. 39,926; Andrew C. Chen, Reg. No. 43,544; Jae-Hee Choi, Reg. No. 45,288; Thomas M. Coester, Reg. No. 39,637; Donna Jo Coningsby, Reg. No. 41,684; Dennis M. deGuzman, Reg. No. 41,702; Justin Dillon, Reg. No. 42,486; Stephen M. De Klerk, Reg. No. P46,503; Michael Anthony DeSanctis, Reg. No. 39,957; Daniel M. De Vos, Reg. No. 37,813; Caroline T. Do, 47,529; Sanjeet Dutta, Reg. No. P46,145; Matthew C. Fagan, Reg. No. 37,542; Tarek N. Fahmi, Reg. No. 41,402; George Fountain, Reg. No. 36,374; Paramita Ghosh, Reg. No. 42,806; James Y. Go, Reg. No. 40,621; James A. Henry, Reg. No. 41,064; Willmore F. Holbrow III, Reg. No. P41,845; Sheryl Sue Holloway, Reg. No. 37,850; George W Hoover II, Reg. No. 32,992; Eric S. Hyman, Reg. No. 30,139; William W. Kidd, Reg. No. 31,772; Sang Hui Kim, Reg. No. 40,450; Walter T. Kim, Reg. No. 42,731; Eric T. King, Reg. No. 44,188; Erica W. Kuo, Reg. No. 42,775; Steven Laut, Reg. No. 47,736; George B. Leavell, Reg. No. 45,436; Gordon R. Lindeen III, Reg. No. 33,192; Jan Carol Little, Reg. No. 41,181; Robert G. Litts, Reg. No. 46,876; Kurt P. Leyendecker, Reg. No. 42,799; Julio Loza, Reg. No. 47,758; Joseph Lutz, Reg. No. 43,765; Michael J. Mallie, Reg. No. 36,591; Andre L. Marais, under 37 C.F.R. § 10.9(b); Paul A. Mendonsa, Reg. No. 42,879; Clive D. Menezes, Reg. No. 45,493; Chun M. Ng, Reg. No. 36,878; Thien T. Nguyen, Reg. No. 43,835; Thinh V. Nguyen, Reg. No. 42,034; Dennis A. Nicholls, Reg. No. 42,036; Daniel E. Ovanezian, Reg. No. 41,236; Kenneth B. Paley, Reg. No. 38,989; Marina Portnova, Reg. No. P45,750; Michael A. Proksch, Reg. No. 43,021; William F. Ryann, Reg. 44,313; James H. Salter, Reg. No. 35,668; William W. Schaal, Reg. No. 39,018; James C. Scheller, Reg. No. 31,195; Jeffrey S. Schubert, Reg. No. 43,098; George Simion, Reg. No. P-47,089; Jeffrey Sam Smith, Reg. No. 39,377; Maria McCormack Sobrino, Reg. No. 31,639; Stanley W. Sokoloff, Reg. No. 25,128; Judith A. Szepesi, Reg. No. 39,393; Vincent P. Tassinari, Reg. No. 42,179; Edwin H. Taylor, Reg. No. 25,129; John F. Travis, Reg. No. 43,203; Joseph A. Twarowski, Reg. No. 42,191; Kerry D. Tweet, Reg. No. 45,959; Mark C. Van Ness, Reg. No. 39,865; Thomas A. Van Zandt, Reg. No. 43,219; Lester J. Vincent, Reg. No. 31,460; Glenn E. Von Tersch, Reg. No. 41,364; John Patrick Ward, Reg. No. 40,216; Mark L. Watson, Reg. No. P46,322; Thomas C. Webster, Reg. No. P46,154; and Norman Zafman, Reg. No. 26,250; my patent attorneys, and Firasat Ali, Reg. No. 45,715; and Justin M. Dillon, Reg. No. 42,486; Raul Martinez, Reg. No. 46,904; my patent agents, with offices located at 12400 Wilshire Boulevard, 7th Floor, Los Angeles, California 90025, telephone (714) 557-3800, and Holmes W. Anderson, Reg. No. 37,272; Christopher J. Cianciolo, Reg. No. 42,417; John D. Crane, Reg. No. 25,231; John C. Gorecki, Reg. No. 38,471; Howard R. Greenberg, Reg. No. 26,171; W. Glen Johnson, Reg. No. 39,525; Lindsay G. McGuinness, Reg. No. 38,549; Jeffrey M. Measures, Reg. No. 40,272; Randall Mishler, Reg. No. 42,006; Kevin L. Smith, Reg. No. 38,620; Mary M. Steubing, Reg. No. 37,946; and Vernon E. Williams, Reg. No. 38,713 of NORTEL NETWORKS LIMITED with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith.